

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANT(s): HEINONEN et al.

SERIAL NO.: 09/964,367

ART UNIT: 2817

FILED: September 26, 2001

EXAMINER: Unknown

TITLE: Dual Mode Voltage Controlled Oscillator Having Controllable Bias Modes  
and Power Consumption

ATTORNEY DOCKET NO.: 874.0101.U1(US)

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Information Disclosure Statement

(37 C.F.R. §1.97(b))

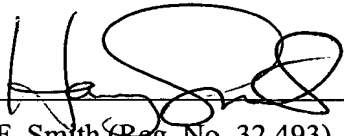
Sir:

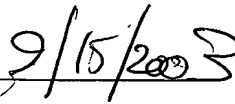
The following information is being disclosed to the U.S. Patent and Trademark Office as information that may be material to the examination of the above-identified patent application.

Applicant's Attorney is aware of the documents listed on the enclosed Form PTO-1449. Copies of the documents are enclosed with the Form PTO-1449 for the Examiner's use. These documents were cited in the European Search Report in the parent application. Copy of this Search Report is also enclosed.

The filing of this Statement is not to be construed as a representation that a search has been made regarding the claimed invention (37 C.F.R. §1.97(g)) or that no other possible material information exists. In addition, the filing of this Statement is not to be construed to be an admission that the information cited in the Statement is, or is considered to be, material to Patentability (37 C.F.R. §1.97(h)).

Respectfully submitted,

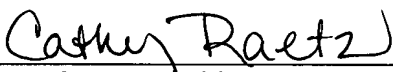
  
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Harry F. Smith (Reg. No. 32,493)

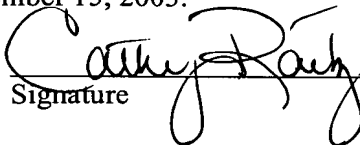
  
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Date

**Customer No.: 29683**  
Harrington & Smith, LLP  
4 Research Drive  
Shelton, CT 06484-6212  
203-925-9400

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 15, 2003.

  
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**INFORMATION DISCLOSURE  
CITATION FORM FOR  
PATENT APPLICATION  
(FORM PTO-1449)  
(Substitute)**

Docket No.: 874.0101.U1(US)

Serial No.: 09/964,367

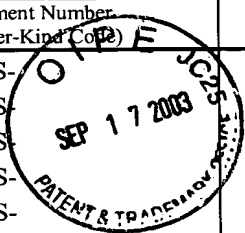
Applicant(s): HEINONEN et al

Filing Date: 9/26/2001

Group: 2817

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number (Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant	Class	Sub-class
	US- US- US- US- US- US- US- US- US- US- US- US- US- US- US- US- US-				



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**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number (Country Code-Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name Of Patentee of Applicant	Translation? Yes/No/n/a
	EP-0854566-A1 WO-00/03490 - - - - - - - -	07-22-1998 01-20-2000	Nokia Mobile Phones Ltd. Hitachi, Ltd.	N/A No

**OTHER DOCUMENTS (Author (Capitalize), Title, Date, Pages, Etc., if known)**


Examiner's Signature:

Date Considered:

Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.  
Include a copy of this citation form with your next correspondence to the Applicant(s).